PHILIPS



BoldPlay Suspended

3400 lm/4ft w/ 80% Down Kit* 3000/3500/4000K



Project: Spec Type:

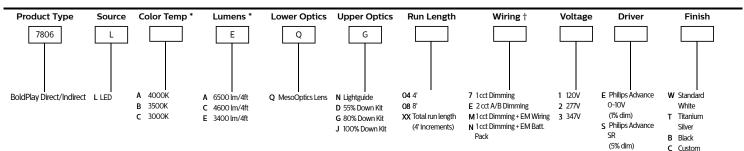
Catalog No: 7806LxEQG

Qty

Line Notes:

Brilliant design and intuitive engineering fearlessly combine to deliver unprecedented performance. BoldPlay's striking contrast of effortless style and urban edginess makes a distinctive statement in any space. Available tunable white technology gives you the ability to vary color temperature and intensity, harmonizing lighting with your daily life.

Ordering guide



* Nominal values within a range. Down kits reduce output & efficacy. Consult photometry data for color temp, lumens & distribution of chosen configuration.

† Not all wiring types are available with all configurations. Consult Philips Ledalite for a complete list of available options.

Mounting Hardware Suspension Length Distance from ceiling to top of luminaire in inches Endcaps Integrated Controls Please indicate with check mark. Sculpted Gloss white flat Response Daylight Single Zone (DS) Gloss black flat Solid flat SpaceWise DT Occupancy & Daylight Sensor (SZ)



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Optical System

The optical system contains arrays of LEDs edge-lighting a low profile light-guide panel, using total internal reflection to homogenize the sources. The microstructured surface of the panel optimizes light extraction to create an efficacious direct/indirect distribution. Light is purified and controlled by MesoOptics film as it passes through a non-glare acrylic lens. Standard distribution is 75% up / 25% down for suspended and 65% up / 35% down for wall mount version.

Endcaps

Diecast aluminum endcaps.

Suspended: Available in sculpted (standard) or three flat (optional) versions: gloss black, gloss white & solid flat. Wall: Three flat versions available: gloss black, gloss white & solid flat.

Finish

Standard finish is a textured matte powder coat in white, black or titanium silver. White sensors only.

Housing

Precision formed 18 gauge cold-rolled steel.

Weight

Maximum: Suspended 3.75lb/ft & Wall 3.0lb/ft.

Electrical

Factory pre-wired to section ends with quick-wire connectors.

Standard Driver

Philips Advance Xitanium 0-10V, 1-100%. Philips Advance Xitanium SR, 5-100% (for SpaceWise DT). Class 2 rated output. Consult Philips Ledalite for other available drivers.

Standard Battery Pack

Philips Bodine, 90 min, 10W, Class 2 rated output, 1000lm nominal (@ 100lm/W; Flux = W x lm/W).

Lumen Maintenance

LEDs have been tested by the manufacturer in accordance with IESNA LM-80-08. At an ambient temperature of 25°C, the LED lumen maintenance expectation according to IES TM-21-11 is: L_{80} (12k) >72,000 hrs (**Reported** methodology).

Source Color

LEDs rated for color rendering CRI >80 and fixture to fixture color accuracy within 2 SDCM.

Controls

Suspended version available with the following integrated controls: Response daylight sensor (for single zone). SpaceWise DT occupancy & daylight sensor w/ advanced grouping & dwell time. SpaceWise DT commissioning via Android phone and Philips Field App. Compatible dimming wireless wall switches are available. For more information, please refer to www.philips.com/spacewise

Mounting

Suspended: Tamper-resistant aircraft cable gripper provides unlimited vertical adjustment. Aircraft cable, crimp and cable gripper are independently tested to meet stringent safety requirements. Wall: Fixture is mounted flush to wall using hidden wall brackets which attach to existing structure, variable within 2"-5" of end or joint.

Joints

Self-aligning joining system with hands-free pre-joining wire access.

Approvals

Certified to UL, CSA and IES standards. Certain suspended versions without down kits are DesignLights Consortium® qualified. Please see the DLC QPL list for exact catalog numbers (www.designlights.org/QPL).

Warranty

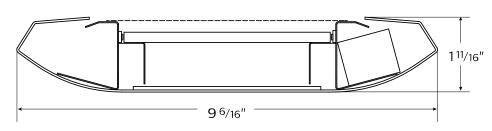
Philips indoor professional luminaires 5 year LED warranty: www.philips.com/warranties.

Environment

Rated for dry or damp locations in operating ambient temperatures 0-40°C (32-104°F). Certain luminaire components may be adversely affected by contaminants. Damage caused by sulfur, chlorine, petroleum based solutions or other contaminants are not covered under warranty. Not suitable for natatorium environments.

Due to continuing product improvements, Philips Ledalite reserves the right to change the specifications without notice.

Dimensions - Cross Section

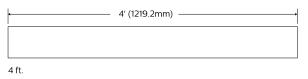


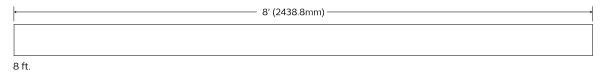
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Dimensions - Modules

Module length excludes end caps. Nominal mounting spacing for individually mounted modules.

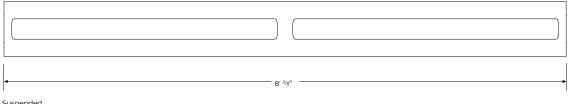




Note: Refer to installation instructions for exact mount.

Optics and Styles

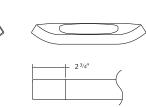
Lens view



Suspended (without endcaps)

End caps

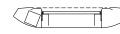
13/16



Flat

Sculpted

Upper optics





G 80% Down Kit

J 100% Down Kit

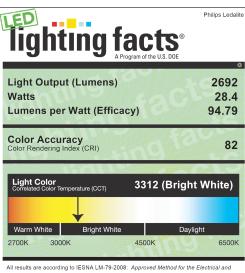
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Photometry - 3500K

Candela Distribution

90	135 - 90 1000 cd
	90 ——

18% Up / 82% Down



All results are according to IESNA LM-19-2006: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product lest data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: F46Z-3BQMF3 (10/28/2016) Model Number: 7806LBEQG Type: Luminaire - Linear

/ertical		Zonal				
Angle	0	22.5	45	67.5	90	Lumens
0	737	737	737	737	737	0
5	739	740	744	749	750	72
15	755	763	798	830	840	227
25	762	781	851	910	932	389
35	707	720	769	802	812	472
45	540	532	527	524	523	410
55	351	342	335	335	337	306
65	208	205	206	211	214	206
75	85	86	87	89	91	95
85	15	17	18	19	19	21
90	0	0	0	0	0	0
95	10	11	14	15	15	20
105	56	65	85	98	104	85
115	76	87	111	138	143	109
125	79	87	108	128	129	95
135	75	79	89	105	108	71
145	73	75	79	85	86	50
155	73	75	77	77	77	35
165	73	74	75	76	76	21
175	72	72	72	73	73	7

 180
 72
 72
 72
 72
 72
 72
 0

Coefficients of Utilization (%)

RCR	Ceiling:		8	0			70			50		0
RCR	Wall:	70	50	30	10	70	50	30	50	30	10	0
0		115	115	115	115	110	110	110	101	101	101	82
1		106	101	98	94	101	97	94	90	87	85	70
2		97	89	83	78	93	86	80	80	75	71	60
3		89	79	72	66	85	76	69	71	65	61	51
4		81	70	62	56	78	68	61	63	57	52	44
5		75	63	55	49	72	61	53	57	50	45	39
6		69	57	49	43	66	55	47	51	45	40	34
7		64	52	43	38	62	50	42	47	40	35	30
8		60	47	39	34	57	46	38	43	36	32	27
9		56	43	35	30	54	42	35	39	33	29	24
10		52	40	32	27	50	39	32	36	30	26	22

Avg. Luminance (cd/m2)

-		•	'
Vertical	He	orizontal Ang	zle.
Angle	0	45	90
55	5934	5669	5704
65	4770	4722	4914
75	3170	3249	3405
85	1627	1976	2092

Distribution

Hemisphere	18% Up / 82% Down
Glare Control	Meets RP-1-12 recommendations for VDT-Normal spaces
Spacing Along (0 °)	1.45
Spacing Across (90 °)	1.54

Values per 4ft unit

IESNA LM-79-08 IES files for this and other photometric options can be downloaded online at

Fixture photometry has been conducted in accordance with

www.lightingproducts.philips.com

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Optical Performance

Nominal CCT:	3000K	3500К	4000K
Flux (lm)	2578	2692	2769
Efficacy (lm/W)	90.5	94.8	97.8
Power (W)	28.5	28.4	28.3
ССТ (К)	3045	3312	3931
CRI	84	82	83
R9	10	-1	5
x	0.4338	0.4167	0.3849
У	0.4031	0.3968	0.3837
Duv	0.0000	0.0000	0.0020

Electrical Performance - 3500K

Input Voltage	120V	277V	347V			
Input Power	28.4W	28.4W	28.5W			
Input Current	0.24A	0.11A	0.09A			
Power Factor	0.994	0.962	0.953			
Total Harm. Distortion	8.0%	11.6%	11.0%			
Tested values . contact technical support for rated values. Off-state power zero unless certain controls are specified.						

With SpaceWise DT, standby power <0.5W (120V) or <0.8W (277V).

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